

MR2049-346
Serial Number: 10/632,896
Reply to Office Action dated 5 April 2005

REMARKS

This case has been carefully reviewed and analyzed in view of the Office Action dated 5 April 2005. Responsive to that Office Action, Claim 1 is now amended for further prosecution with the other pending Claims. It is believed that with such claims amendment, there is a further clarification of the Claims' recitations.

In the Office Action, the Examiner objected to Figs. 9 and 10 for omitting the Legend "PRIOR ART." Accordingly, replacement versions of Figs. 9 and 10 formally corrected to include this Legend are submitted herewith.

The Examiner also objected to the Drawings under 37 C.F.R. § 1.84(p)(5) for including in Fig. 6 a reference character not mentioned in the description. Accordingly, Fig. 6 is formally corrected to remove this stray reference character.

Also in the Office Action, the Examiner rejected Claims 1-3 under 35 U.S.C. § 103(a) as being unpatentable over the Rezvani reference in view of the Chiu reference. In this regard, the Examiner acknowledged that Rezvani fails to show a board portion with front and rear shafts connected to its underside. The Examiner, however, cited Chiu for disclosing such feature and concluded that it would have been obvious to one of ordinary skill in the art to have incorporated as much into the Rezvani device. The Examiner also reasons that it would have been

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obvious to one of ordinary skill in the art to have provided the LEDs on the outer periphery of the board portion in light of Chiu.

As newly-amended independent Claim 1 now more clearly recites, Applicant's skateboard is one which includes among its combination of features wheels provided with "a bearing and a magnetic ring ... mounted thereto." The skateboard also includes a circular casing having an inner ring, as well as "a coil mounted to the inner ring concentrically disposed and radially spaced relative to the magnetic ring," as newly-amended independent Claim 1 also now more clearly recites. Illumination devices provided on the skateboard are powered by the energy derived responsive to the rotation of the coil and magnetic ring one relative to the other.

The full combination of these and other features now more clearly recited by Applicant's pending Claims is nowhere disclosed by the cited references. Note that while the primarily-cited Rezvani reference discloses a self-powered lighted wheel for an inline skate, it specifically prescribes among other things a tightly compacted structure wherein the coils 44 are effectively embedded within one side of a given wheel. The coils are so disposed to remain laterally beside the magnet 32 which extends into an axial recess of that wheel. The resulting structure teaches quite clearly away from such features as "a coil mounted to the inner ring," to be "concentrically disposed and radially spaced relative to the magnetic ring," as newly-amended independent Claim 1 now more clearly recites.

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Given such contrary teachings of the Rezvani reference, the disclosures of the secondarily-cited Chiu reference are found to be rather ineffectual to the present patentability analysis. Note, in any event, that Chiu also discloses a structure which similarly departs from Applicant's claimed structure. The magnets 40 for instance are disposed within a wheel to remain necessarily offset from and laterally beside the given device's coil windings 30. Hence, this reference also teaches away from such features as any "coil mounted to the inner ring" of a "circular casing," to be "concentrically disposed and radially spaced relative to the magnetic ring," as Claim 1 clarifies.

It is respectfully submitted, therefore, that the cited Rezvani and Chiu references, even when considered together, fail to disclose the unique combination of elements now more clearly recited by Applicant's pending Claims for the purposes and objectives disclosed in the subject Patent Application. The other references cited by the Examiner but not used in the rejection are believed to be further remote from Applicant's claimed device when patentability considerations are taken into account.

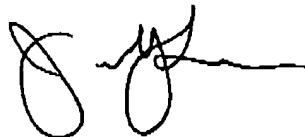
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It is now believed that the subject Patent Application has been placed fully in condition for allowance, and such action is respectfully requested.

Respectfully submitted,
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Dated: 8/5/2005

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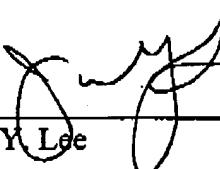
CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office, Art Unit #3618, facsimile number 571-273-8300 on the date shown below.

Date

8/5/2005

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AMENDMENTS TO THE DRAWINGS:

The attached sheets of Drawings include changes to Figs. 6 and 9-10. These sheets, which include changes to Figs. 6 and 9-10, replace the original sheets including those Figures. In Fig. 6, the stray reference number 22 has been removed; and, in Figs. 9 and 10, the previously omitted Legend "PRIOR ART" has been added.

Attachment: Replacement sheets (2)